

SPLIT-1

# Work Order ID 70759 - 1



Page 1

Tuesday, June 14, 2011 1:58:50 PM

Item ID:	D4387-041	Accept		Setup	Start	
Revision ID:					Stop	
Item Name:	Harness Assembly					
Start Date:	6/14/2011	Start Qty:	42.00	Cust Item ID:		
Required Date:	6/17/2011	Req'd Qty:	42.00	Customer:		
Reference:	NCR11-644					
Approvals:	Process Plan:	Date:	Tooling:	Date:	Run	Start
	QC:	Date:	SPC (Y/N):	Date:		Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4387	<del>AUR</del> B								
100	PURCHASING	0.00							
Purchasing									
Purchasing									
	Memo	0.00							
	Issue P/O: 17284								
	AMSAFE TO REWORK PER NCR11-644 - SHOULDER STRAP LOOPS ARE TOO SMALL AND NEED TO BE REPLACED								
	NEW C OF C REQUIRED								
	P/N:4192-1-011-2396								
	Possible supplier: Amsafe								
	Certificate of conformaty is required								
110	Receive & Inspect for Damage & Mat'l Certs	0.00							
Packaging									
Packaging									
	Memo	0.00							
	Ensure certificate of conformity is attached								

CL 11/06/14 (72)

CL 11/06/14 (8)

# Work Order ID 70759

Tuesday, June 14, 2011 1:58:50 PM



Page 2

Item ID: D4387-041

Accept



Setup Start



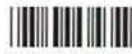
Revision ID:

Stop



Item Name: Harness Assembly

Start Date: 6/14/2011 Start Qty: 42.00



Cust Item ID:

Required Date: 6/17/2011 Req'd Qty: 42.00



Customer:

Reference: NCR11-644

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

120

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

inspects to Rev B +  
tester with D3196-4

8 u/6/16



150

Identify as per dwg & Stock Location:

0.00



Packaging

Memo

0.00

Packaging

RE-IDENTIFY USING NEW B/N

10 u/6/16 (4)

160

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

u/6/16

ME

u/6/16

# Picklist Print

Tuesday, June 14, 2011 1:58:47 PM

Page 1

Work Order ID: 70759

Parent Item: D4387-041

Parent Item Name: Harness Assembly



Start Date: 6/14/2011

Required Date: 6/17/2011

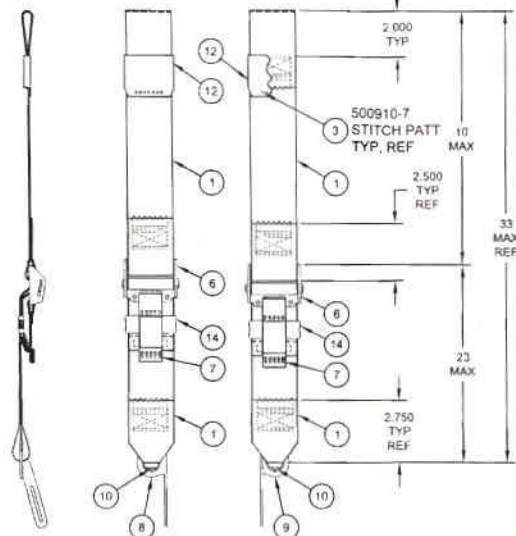
Start Qty: 42.00

Required Qty: 42.00

Comments: IPP rev A 11.05.25 new issue EC verified by: DD

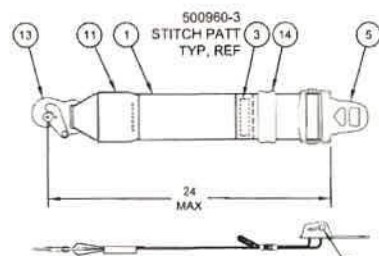
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4387-041  Harness Assembly		Manufactured	No				Each	0.0000		42		6/14/11	x9

# SPECIFICATION CONTROL DRAWING

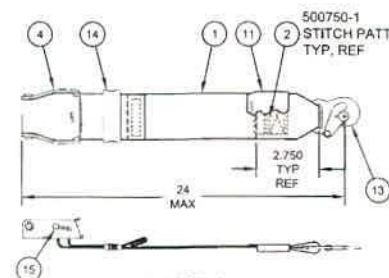


D4387-7

D4387-5



D4387-3



D4387-1

D4387-041 HARNESS ASSEMBLY

ITEM	QTY -041	QTY -1	QTY -3	QTY -5	QTY -7	DART P/N	DESCRIPTION	AMSAFE P/N OR MATERIAL P/N
	X					D4387-041	HARNESS ASSEMBLY	4192-1-011-2396
1		X				D4387-1	BUCKLE HALF	4192-2010112396
1			X			D4387-3	CONNECTOR HALF	4192-2030112396
1				X		D4387-5	SHOULDER STRAP	4192-2050112396
1					X	D4387-7	SHOULDER STRAP	4192-2060112396
1	A/R	A/R	A/R	A/R	A/R		WEBBING, POLYESTER	T1200-5
2	A/R	A/R	A/R	A/R	A/R		THREAD	207
3	A/R	A/R	A/R	A/R	A/R		THREAD	89
4	1						BUCKLE ASSY	502750-401
5		1					CONNECTOR ASSY	504459-417-72
6			1	1			ADJUSTER ASSY	503050-409
7			1	1			PULL TAB	500976-425
8				1			ADAPTER, HARNESS	505122-2-72
9				1			ADAPTER, HARNESS	505122-1-72
10				1	1		INSERT	AFG0568293
11	1	1					LABEL	447554
12			1	1			LABEL	447554
13	1	1					HOOK ASSY	502737-441-72
14	1	1	1	1	1		WEB SLIDE	503964-1
15	2	2					PLUG	502913

## NOTES:

- 1) PURCHASE: D4387-041/-1/-3/-5/-7 FROM AMSAFE INC., Phoenix, AZ.
- 2) FINISH: N/A
- 3) TOLERANCES: .XXX ±0.250
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES N/A
- 6) IDENTIFICATION: USE PLASTIC ENGRAVED TAGS AND LABEL PER FAR 21.607 TO CONTAIN THE FOLLOWING AT MINIMUM:  
MANUFACTURER P/N: 4192-1-011-2396  
CUSTOMER P/N: D4387-041  
DATE OF MFG  
CONFORMS TO FAA TSO-C114
- 7) WEIGHT: 1.75 lb
- 8) INDICATED DIMS ARE FULLY EXTENDED LENGTHS

RELEASED  
2011-05-15

UNDER REVIEW

106.07  
Per Doc 11-644

REV	NEW ISSUE	(REF CAR10-011)	MB	11.05.02
DESIGN		DESCRIPTION	BY	DATE
DRAWN				
CHECKED		DART AEROSPACE LTD		REV. A
MFG. APPR.		HAWKESBURY, ONTARIO, CANADA		SHEET 1 OF 2
APPROVED		D4387		SCALE
DE APPR.		TITLE		NTS
DATE	11.05.02	HARNESS ASSEMBLY		

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## Linda Lacelle

---

**From:** Sian Willems <swillems@dartaero.com>  
**Sent:** June 14, 2011 1:42 PM  
**To:** llacelle@dartaero.com  
**Cc:** Marc Bellavance; Melanie Fauteux; Chantal Lavoie; Susanne Sheldon  
**Subject:** PO for Amsafe NCR11-644

Hiya,

Can you please open a custom work order for the following:

Return qty. 42 D4387-041 4 point shoulder harnesses (Amsafe p/n 4192-1-011-2396) to Amsafe for rework. Per NCR11-644, the shoulder straps loops are too small and need to be replaced.

We are returning to Amsafe: *20759*  
Qty. 15 D4387-041 (Amsafe 4191-1-011-2396) from DAS PO13994 (Amsafe S209243)  
Qty. 27 D4387-041 (Amsafe 4191-1-011-2396) from DAS PO13987 (Amsafe S209100)

*[Signature]*  
Parts should be returned to by the end of this week. Please send the PO to Tom Hodgdon.

We also have another 9 belts still out in the field. We'll be issuing RA's for these to be returned to Dart. How do we ensure the same process is completed for these?

Thanks,

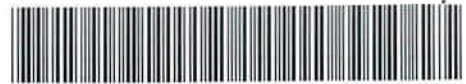
*Sian Willems*

Marketing  
T: 1-613-632-5200 ext 239  
F: 1-613-632-5246  
C: 1-613-676-0577  
[swillems@dartaero.com](mailto:swillems@dartaero.com)



Product Documentation: Verify Revision Status/Download [HERE](#)

1. Approving National Aviation Authority/Country: FAA/United States		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 2011-445-1-NW	
4. Organization Name and Address: AMSAFE, INC 1043 NORTH 47 <sup>TH</sup> AVE PHOENIX, AZ. 85043				5. Work Order/Contract/Invoice Number: 2011-445-1 0 PAGES ATTACHED			
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	REST SYS ASSY	4192-1-011-2396	N/A	9	A0511	NEW	
13. Remarks: DRAWING: 4192 REV: D TSO: TSO-C114							
EXPORT AIRWORTHINESS APPROVAL: THIS ARTICLE MEETS THE SPECIAL REQUIREMENTS OF CANADA							
14. Certifies the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.				19. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
15. Authorized Signature: 		16. Approval/Authorization No.: ODA602112NM		20. Authorized Signature:		21. Approval/Certificate No.:	
17. Name (Typed or Printed): NANCY WILLIAMSON		18. Date (m/d/y): JUN/15/2011		22. Name (Typed or Printed):		23. Date (m/d/y):	
<b>User/Installer Responsibilities</b>							
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.</p> <p>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.</p> <p>Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>							



ACI-492322937030

## Commercial Invoice

Invoice Number	Purpose of Shipment	Curr	Ult Dest.	Air Waybill Nbr.
Export Dt	C.I. References	USD	CA	492322937030
6/15/2011	2011-445/PO14284	Pkgs	Bill T/C	Bill D/T/F
		1	1517-9324-0	1517-9324-0

Shipper:  
SHIPPING  
AM-SAFE  
1043 N 47TH AVE

PHOENIX  
AZ 85043 US (602) 850-2863  
ID/EIN:363363619

Consignee:  
RECEIVING  
DART AEROSPACE LTD  
1270 ABERDEEN ST

HAWKESBURY  
ON K6A1K7 CA (613) 632-9577  
ID/EIN:

Broker

Importer  
RECEIVING  
DART AEROSPACE LTD  
1270 ABERDEEN ST

HAWKESBURY  
ON K6A1K7 CA (613) 632-9577  
ID/EIN:

Part Nbr:	Marks/Nbrs :	Cntry	Net Wgt:	0.0 lbs
		MFG:US		
HS Code: 8803.30.0030	Unit Qty: 9.00 EA	Unit Value: 11.000000	Commodity Value: 99.00	
Desc: REST				

Total Shipment Weight: 15  
These commodities, technology, or software were exported from the  
United States in accordance with the Export Administration Regulations.  
Diversion contrary to United States law is prohibited.

Total Commodity Value:	99.00
Terms of Sale:	FCA/FOB
Freight:	0.00
Insurance:	0.00
Others:	0.00
Total Invoice Value:	99.00

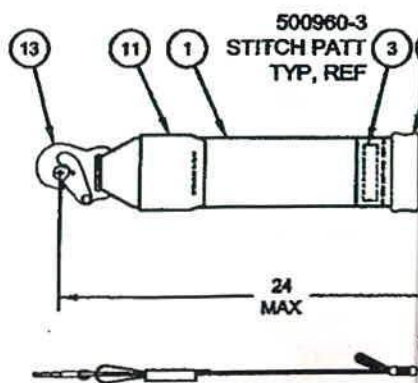
## Comments:

- 1)
- 2)
- 3)

I declare all information in this invoice to be true and correct.  
Signature of shipper: SHIPPING

6/15/2011

# SPECIF



**D4387-3**

DESCRIPTION	AMSAFE P/N OR MATERIAL P/N
HARNESS ASSEMBLY	4192-1-011-2396
BUCKLE HALF	4192-2010112396
CONNECTOR HALF	4192-2030112396
SHOULDER STRAP	4192-2050112396
SHOULDER STRAP	4192-2060112396
WEBBING, POLYESTER	T1200-5
THREAD	207
THREAD	69
BUCKLE ASSY	502750-401
CONNECTOR ASSY	504459-417-72
ADJUSTER ASSY	503050-409
PULL TAB	500976-425
ADAPTER, HARNESS	505122-2-72
ADAPTER, HARNESS	505122-1-72
INSERT	AFG0568293
LABEL	447664
LABEL	447664
HOOK ASSY	502737-441-72
WEB SLIDE	503964-1
PLUG	502813

NC., Phoenix, AZ.

AND LABEL PER FAR 21.607 TO CONTAIN THE

96

S

D

RELEASED  
2011-06-16

70759

YP (ZN D6-1) (REF. NCR11-644)	MB	11.06.07
(REF. CAR10-011)	MB	11.05.02
DESCRIPTION	BY	DATE

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D4387** REV. B  
SHEET 1 OF 2

TITLE **HARNESS ASSEMBLY** SCALE  
NTS

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**SPEC**

P/N	DESCRIPTION	AMSAFE P/N OR MATERIAL P/N
43	HARNESS ASSEMBLY	4173-2-021-2396
	SHOULDER STRAP	4173-2110212396
1	BUCKLE HALF	4173-2070212396
3	CONNECTOR HALF	4173-2090212396
	WEBBING, POLYESTER	T1200-5
	THREAD	207
	THREAD	69
	BUCKLE ASSY	502750-401
	CONNECTOR ASSY	504459-417-72
	ADJUSTER ASSY	503050-409
	PULL TAB	500976-425
	ADAPTER, HARNESS	505122-2-72
	ADAPTER, HARNESS	505122-1-72
	INSERT	AFG0568293
	LABEL	447664
	LABEL	447664
	HOOK ASSY	502737-441-72
	WEB SLIDE	503964-1
	PLUG	502913
	END FITTING	501743-21-72

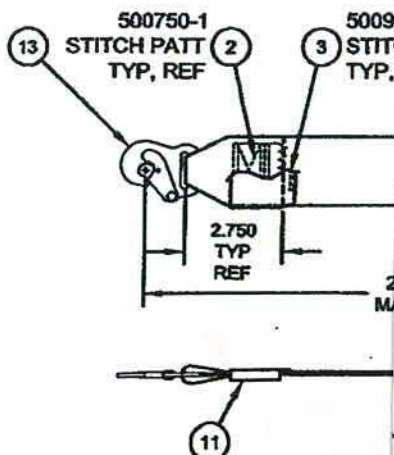
AMSAFE INC., Phoenix, AZ.

NOTED

ED TAGS AND LABEL PER FAR 21.607 TO CONTAIN

-2396

LENGTHS



**RELEASED**

2011-06-10

70759

**D438**

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO.

D4387

REV. B

SHEET 2 OF 2

TITLE

HARNESS ASSEMBLY

SCALE

NTS

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